

Viktor Korzun

List of Publications by Year in descending order

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Version: 2024-02-01

168
papers

13,165
citations

25014

57
h-index

24232

110
g-index

173
all docs

173
docs citations

173
times ranked

7028
citing authors

#	ARTICLE	IF	CITATIONS
1	A Microsatellite Map of Wheat. <i>Genetics</i> , 1998, 149, 2007-2023.	1.2	2,041
2	Genome-wide comparative diversity uncovers multiple targets of selection for improvement in hexaploid wheat landraces and cultivars. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 8057-8062.	3.3	1,065
3	Natural variation in a homolog of <i>Antirrhinum CENTRORADIALIS</i> contributed to spring growth habit and environmental adaptation in cultivated barley. <i>Nature Genetics</i> , 2012, 44, 1388-1392.	9.4	477
4	Genetic mapping of 66 new microsatellite (SSR) loci in bread wheat. <i>Theoretical and Applied Genetics</i> , 2002, 105, 413-422.	1.8	339
5	Genetic analysis of the dwarfing gene (<i>Rht8</i>) in wheat. Part I. Molecular mapping of <i>Rht8</i> on the short arm of chromosome 2D of bread wheat (<i>Triticum aestivum</i> L.). <i>Theoretical and Applied Genetics</i> , 1998, 96, 1104-1109.	1.8	289
6	Interspecific transferability and comparative mapping of barley EST-SSR markers in wheat, rye and rice. <i>Plant Science</i> , 2005, 168, 195-202.	1.7	266
7	Hybrid breeding in wheat: technologies to improve hybrid wheat seed production. <i>Journal of Experimental Botany</i> , 2013, 64, 5411-5428.	2.4	239
8	Towards a whole-genome sequence for rye (<i>Secale cereale</i> L.). <i>Plant Journal</i> , 2017, 89, 853-869.	2.8	238
9	Marker-Assisted Selection for Disease Resistance in Wheat and Barley Breeding. <i>Phytopathology</i> , 2012, 102, 560-566.	1.1	223
10	The influence of photoperiod genes on the adaptability of European winter wheats. <i>Euphytica</i> , 1998, 100, 385-394.	0.6	217
11	Haplotyping, linkage mapping and expression analysis of barley genes regulated by terminal drought stress influencing seed quality. <i>BMC Plant Biology</i> , 2011, 11, 1.	1.6	214
12	Genetic analysis of the dwarfing gene <i>Rht8</i> in wheat. Part II. The distribution and adaptive significance of allelic variants at the <i>Rht8</i> locus of wheat as revealed by microsatellite screening. <i>Theoretical and Applied Genetics</i> , 1998, 96, 1110-1120.	1.8	204
13	Reticulate Evolution of the Rye Genome. <i>Plant Cell</i> , 2013, 25, 3685-3698.	3.1	194
14	Whole Genome Association Mapping of Fusarium Head Blight Resistance in European Winter Wheat (<i>Triticum aestivum</i> L.). <i>PLoS ONE</i> , 2013, 8, e57500.	1.1	166
15	The relationships between the dwarfing genes of wheat and rye. <i>Euphytica</i> , 1996, 89, 69-75.	0.6	163
16	Whole Genome Association Mapping of Plant Height in Winter Wheat (<i>Triticum aestivum</i> L.). <i>PLoS ONE</i> , 2014, 9, e113287.	1.1	162
17	Identification and independent validation of a stable yield and thousand grain weight QTL on chromosome 6A of hexaploid wheat (<i>Triticum aestivum</i> L.). <i>BMC Plant Biology</i> , 2014, 14, 191.	1.6	161
18	Population structure, genetic diversity and linkage disequilibrium in elite winter wheat assessed with SNP and SSR markers. <i>Theoretical and Applied Genetics</i> , 2013, 126, 1477-1486.	1.8	151

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19	About the origin of 1RS.1BL wheat-rye chromosome translocations from Germany. <i>Plant Breeding</i> , 1997, 116, 537-540.	1.0	146
20	Chromosome-scale genome assembly provides insights into rye biology, evolution and agronomic potential. <i>Nature Genetics</i> , 2021, 53, 564-573.	9.4	138
21	Molecular mapping of Fusarium head blight resistance in the winter wheat population Dream/Lynx. <i>Theoretical and Applied Genetics</i> , 2005, 111, 747-756.	1.8	137
22	Construction and analysis of a microsatellite-based database of European wheat varieties. <i>Theoretical and Applied Genetics</i> , 2002, 106, 67-73.	1.8	134
23	Stacking quantitative trait loci (QTL) for Fusarium head blight resistance from non-adapted sources in an European elite spring wheat background and assessing their effects on deoxynivalenol (DON) content and disease severity. <i>Theoretical and Applied Genetics</i> , 2006, 112, 562-569.	1.8	133
24	Analysis of main effect QTL for thousand grain weight in European winter wheat (<i>Triticum aestivum</i>) Tj ETQq0 0 0 rgBT /Overlock 10 TF 5	1.7	129
25	Genomic selection in a commercial winter wheat population. <i>Theoretical and Applied Genetics</i> , 2016, 129, 641-651.	1.8	129
26	Mapping QTLs with main and epistatic effects underlying grain yield and heading time in soft winter wheat. <i>Theoretical and Applied Genetics</i> , 2011, 123, 283-292.	1.8	124
27	Association mapping for quality traits in soft winter wheat. <i>Theoretical and Applied Genetics</i> , 2011, 122, 961-970.	1.8	120
28	A genetic map of rye (<i>Secale cereale</i> L.) combining RFLP, isozyme, protein, microsatellite and gene loci. <i>Theoretical and Applied Genetics</i> , 2001, 102, 709-717.	1.8	118
29	Mapping of 99 new microsatellite-derived loci in rye (<i>Secale cereale</i> L.) including 39 expressed sequence tags. <i>Theoretical and Applied Genetics</i> , 2004, 109, 725-732.	1.8	111
30	Molecular characterization of the genetic integrity of wheat (<i>Triticum aestivum</i> L.) germplasm after long-term maintenance. <i>Theoretical and Applied Genetics</i> , 2000, 100, 494-497.	1.8	104
31	Microsatellite analysis of <i>Aegilops tauschii</i> germplasm. <i>Theoretical and Applied Genetics</i> , 2000, 101, 100-106.	1.8	103
32	Intrachromosomal mapping of genes for dwarfing (Rht12) and vernalization response (Vrn1) in wheat by using RFLP and microsatellite markers. <i>Plant Breeding</i> , 1997, 116, 227-232.	1.0	102
33	A high-density cytogenetic map of the <i>Aegilops tauschii</i> genome incorporating retrotransposons and defense-related genes: insights into cereal chromosome structure and function. <i>Plant Molecular Biology</i> , 2002, 48, 767-789.	2.0	95
34	Molecular markers: actual and potential contributions to wheat genome characterization and breeding. <i>Euphytica</i> , 2007, 156, 271-296.	0.6	95
35	Potential and limits of whole genome prediction of resistance to Fusarium head blight and <i>Septoria tritici blotch</i> in a vast Central European elite winter wheat population. <i>Theoretical and Applied Genetics</i> , 2015, 128, 2471-2481.	1.8	92
36	Inheritance of resistance to Fusarium head blight in three European winter wheat populations. <i>Theoretical and Applied Genetics</i> , 2008, 117, 1119-1128.	1.8	91

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37	Potential and limits to unravel the genetic architecture and predict the variation of Fusarium head blight resistance in European winter wheat (<i>Triticum aestivum</i> L.). <i>Heredity</i> , 2015, 114, 318-326.	1.2	88
38	Comparison of phenotypic and marker-based selection for Fusarium head blight resistance and DON content in spring wheat. <i>Molecular Breeding</i> , 2007, 19, 357-370.	1.0	86
39	Genetic architecture of main effect QTL for heading date in European winter wheat. <i>Frontiers in Plant Science</i> , 2014, 5, 217.	1.7	86
40	Abscisic Acid Flux Alterations Result in Differential Abscisic Acid Signaling Responses and Impact Assimilation Efficiency in Barley under Terminal Drought Stress. <i>Plant Physiology</i> , 2014, 164, 1677-1696.	2.3	85
41	Model training across multiple breeding cycles significantly improves genomic prediction accuracy in rye (<i>Secale cereale</i> L.). <i>Theoretical and Applied Genetics</i> , 2016, 129, 2043-2053.	1.8	84
42	Integration of dinucleotide microsatellites from hexaploid bread wheat into a genetic linkage map of durum wheat. <i>Theoretical and Applied Genetics</i> , 1999, 98, 1202-1207.	1.8	76
43	Evolutionary Conserved Function of Barley and Arabidopsis 3-KETOACYL-CoA SYNTHASES in Providing Wax Signals for Germination of Powdery Mildew Fungi. <i>Plant Physiology</i> , 2014, 166, 1621-1633.	2.3	76
44	Addressing Research Bottlenecks to Crop Productivity. <i>Trends in Plant Science</i> , 2021, 26, 607-630.	4.3	76
45	Genome-wide association mapping of tan spot resistance (<i>Pyrenophora tritici-repentis</i>) in European winter wheat. <i>Molecular Breeding</i> , 2014, 34, 363-371.	1.0	72
46	Genetic and physical mapping of homoeologous recombination points involving wheat chromosome 2B and rye chromosome 2R. <i>Genome</i> , 2004, 47, 36-45.	0.9	70
47	Association mapping for Fusarium head blight resistance in European soft winter wheat. <i>Molecular Breeding</i> , 2011, 28, 647-655.	1.0	70
48	Dissecting the genetic architecture of frost tolerance in Central European winter wheat. <i>Journal of Experimental Botany</i> , 2013, 64, 4453-4460.	2.4	69
49	Genetic architecture of complex agronomic traits examined in two testcross populations of rye (<i>Secale cereale</i> L.). <i>BMC Genomics</i> , 2012, 13, 706.	1.2	66
50	Molecular studies on genetic integrity of open-pollinating species rye (<i>Secale cereale</i> L.) after long-term genebank maintenance. <i>Theoretical and Applied Genetics</i> , 2003, 107, 1469-1476.	1.8	64
51	A genetic linkage map of rye (<i>Secale cereale</i> L.). <i>Theoretical and Applied Genetics</i> , 1998, 96, 203-208.	1.8	63
52	Microsatellite mapping of the induced sphaerococcoid mutation genes in <i>Triticum aestivum</i> . <i>Theoretical and Applied Genetics</i> , 2000, 100, 686-689.	1.8	63
53	Comparative molecular mapping of GA insensitive <i>Rht</i> loci on chromosomes 4B and 4D of common wheat (<i>Triticum aestivum</i> L.). <i>Theoretical and Applied Genetics</i> , 1997, 95, 1133-1137.	1.8	62
54	Locating introgressions of <i>Hordeum bulbosum</i> chromatin within the <i>H. vulgare</i> genome. <i>Theoretical and Applied Genetics</i> , 2000, 100, 27-31.	1.8	62

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55	Genetic architecture of resistance to <i>Septoria tritici</i> blotch in European wheat. <i>BMC Genomics</i> , 2013, 14, 858.	1.2	62
56	The roles of pleiotropy and close linkage as revealed by association mapping of yield and correlated traits of wheat (<i>Triticum aestivum</i> L.). <i>Journal of Experimental Botany</i> , 2017, 68, 4089-4101.	2.4	61
57	RFLP mapping of the dwarfing (<i>Ddw1</i>) and hairy peduncle (<i>Hp</i>) genes on chromosome 5 of rye (<i>Secale</i>) Tj ETQq1 1 0,784314 rgBT /Overlock 10 Tf 5	1.8	60
58	Microsatellite markers "a new tool for distinguishing diploid wheat species. <i>Genetic Resources and Crop Evolution</i> , 2000, 47, 497-505.	0.8	58
59	Single nucleotide polymorphisms in rye (<i>Secale cereale</i> L.): discovery, frequency, and applications for genome mapping and diversity studies. <i>Theoretical and Applied Genetics</i> , 2007, 114, 1105-1116.	1.8	58
60	Genetic mapping of QTL controlling tissue-culture response on chromosome 2B of wheat (<i>Triticum</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5 1047-1052.	1.8	56
61	Title is missing!. <i>Euphytica</i> , 2001, 119, 157-161.	0.6	56
62	Evaluation of Genetic Diversity Among Bulgarian Winter Wheat (<i>Triticum aestivum</i> L.) Varieties During the Period 1925"2003 Using Microsatellites. <i>Genetic Resources and Crop Evolution</i> , 2006, 53, 1605-1614.	0.8	55
63	High levels of nucleotide diversity and fast decline of linkage disequilibrium in rye (<i>Secale cereale</i> L.) genes involved in frost response. <i>BMC Plant Biology</i> , 2011, 11, 6.	1.6	55
64	Genetic architecture of resistance to <i>Septoria tritici</i> blotch (<i>Mycosphaerella graminicola</i>) in European winter wheat. <i>Molecular Breeding</i> , 2013, 32, 411-423.	1.0	54
65	Title is missing!. <i>Euphytica</i> , 1997, 95, 149-155.	0.6	53
66	Comparative genetic mapping of loci affecting plant height and development in cereals. <i>Euphytica</i> , 1998, 100, 245-248.	0.6	52
67	Leaf Variegation and Impaired Chloroplast Development Caused by a Truncated CCT Domain Gene in <i>albostrians</i> Barley. <i>Plant Cell</i> , 2019, 31, 1430-1445.	3.1	52
68	Prediction of malting quality traits in barley based on genome-wide marker data to assess the potential of genomic selection. <i>Theoretical and Applied Genetics</i> , 2016, 129, 203-213.	1.8	51
69	Mapping of three self-fertility mutations in rye (<i>Secale cereale</i> L.) using RFLP, isozyme and morphological markers. <i>Theoretical and Applied Genetics</i> , 1998, 97, 147-153.	1.8	50
70	Accuracy of within- and among-family genomic prediction for <i>Fusarium</i> head blight and <i>Septoria tritici</i> blotch in winter wheat. <i>Theoretical and Applied Genetics</i> , 2019, 132, 1121-1135.	1.8	50
71	Establishment of introgression libraries in hybrid rye (<i>Secale cereale</i> L.) from an Iranian primitive accession as a new tool for rye breeding and genomics. <i>Theoretical and Applied Genetics</i> , 2008, 117, 641-652.	1.8	49
72	Effect of the <i>Rht</i> dwarfing locus on <i>Fusarium</i> head blight rating in three segregating populations of winter wheat. <i>Plant Breeding</i> , 2008, 127, 333-339.	1.0	49

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73	Validating the prediction accuracies of marker-assisted and genomic selection of Fusarium head blight resistance in wheat using an independent sample. <i>Theoretical and Applied Genetics</i> , 2017, 130, 471-482.	1.8	49
74	Genetic mapping of quantitative trait loci in rye (<i>Secale cereale</i> L.). <i>Euphytica</i> , 2000, 116, 203-209.	0.6	48
75	Association analysis of frost tolerance in rye using candidate genes and phenotypic data from controlled, semi-controlled, and field phenotyping platforms. <i>BMC Plant Biology</i> , 2011, 11, 146.	1.6	47
76	A consensus map of rye integrating mapping data from five mapping populations. <i>Theoretical and Applied Genetics</i> , 2009, 118, 793-800.	1.8	46
77	Genetics and molecular mapping of a male fertility restoration locus (<i>Rfg1</i>) in rye (<i>Secale cereale</i> L.). <i>Theoretical and Applied Genetics</i> , 1998, 97, 99-102.	1.8	44
78	The application of wheat microsatellites to identify disomic <i>Triticum aestivum</i> - <i>Aegilops markgrafii</i> addition lines. <i>Theoretical and Applied Genetics</i> , 1998, 96, 138-146.	1.8	43
79	Assessment of the uniformity of wheat and tomato varieties at DNA microsatellite loci. <i>Euphytica</i> , 2003, 132, 331-341.	0.6	43
80	Agronomic and Quality Performance of Winter Wheat Backcross Populations Carrying Non-Adapted Fusarium Head Blight Resistance QTL. <i>Crop Science</i> , 2010, 50, 2283-2290.	0.8	43
81	Quantitative Trait Loci for Adult-Plant Resistance to <i>Mycosphaerella graminicola</i> in Two Winter Wheat Populations. <i>Phytopathology</i> , 2011, 101, 1209-1216.	1.1	43
82	Adaptive selection of founder segments and epistatic control of plant height in the MAGIC winter wheat population WM-800. <i>BMC Genomics</i> , 2018, 19, 559.	1.2	43
83	Broad-spectrum resistance loci for three quantitatively inherited diseases in two winter wheat populations. <i>Molecular Breeding</i> , 2012, 29, 731-742.	1.0	42
84	Genome-wide association mapping of resistance to eyespot disease (<i>Pseudocercospora</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 307 Td <i>Theoretical and Applied Genetics</i> , 2017, 130, 505-514.	1.8	42
85	RFLP-based mapping of three mutant loci in rye (<i>Secale cereale</i> L.) and their relation to homoeologous loci within the Gramineae. <i>Theoretical and Applied Genetics</i> , 1997, 95, 468-473.	1.8	41
86	Marker-based introduction of three quantitative-trait loci conferring resistance to Fusarium head blight into an independent elite winter wheat breeding population. <i>Theoretical and Applied Genetics</i> , 2008, 117, 29-35.	1.8	41
87	Marker selection for Fusarium head blight resistance based on quantitative trait loci (QTL) from two European sources compared to phenotypic selection in winter wheat. <i>Euphytica</i> , 2009, 166, 219-227.	0.6	41
88	Prospects of GWAS and predictive breeding for European winter wheat's grain protein content, grain starch content, and grain hardness. <i>Scientific Reports</i> , 2020, 10, 12541.	1.6	41
89	Molecular mapping of major genes and quantitative trait loci determining flowering time in response to photoperiod in barley. <i>Plant Breeding</i> , 2002, 121, 129-132.	1.0	40
90	Microsatellite mapping of genes that determine supernumerary spikelets in wheat (<i>T. aestivum</i>) and rye (<i>S. cereale</i>). <i>Theoretical and Applied Genetics</i> , 2009, 119, 867-874.	1.8	39

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91	Molecular marker assisted broadening of the Central European heterotic groups in rye with Eastern European germplasm. <i>Theoretical and Applied Genetics</i> , 2010, 120, 291-299.	1.8	39
92	A consensus linkage map of rye (<i>Secale cereale</i> L.) including 374 RFLPs, 24 isozymes and 15 gene loci. <i>Theoretical and Applied Genetics</i> , 1998, 97, 1279-1288.	1.8	37
93	Effects of Two Major Fusarium Head Blight Resistance QTL Verified in a Winter Wheat Backcross Population. <i>Crop Science</i> , 2007, 47, 1823-1831.	0.8	37
94	Occurrence of three dwarfing Rht genes in German winter wheat varieties. <i>Cereal Research Communications</i> , 2008, 36, 553-560.	0.8	37
95	Development of conserved ortholog set markers linked to the restorer gene Rfp1 in rye. <i>Molecular Breeding</i> , 2012, 30, 1507-1518.	1.0	37
96	Mapping the GA3-insensitive dwarfing gene ct1 on chromosome 7 in rye. <i>Plant Breeding</i> , 1995, 114, 113-116.	1.0	35
97	Identification, distribution and effects on agronomic traits of the semi-dwarfing Rht alleles in Bulgarian common wheat cultivars. <i>Euphytica</i> , 2005, 145, 305-315.	0.6	35
98	Molecular mapping of quantitative trait loci for field resistance to Fusarium head blight in a European winter wheat population. <i>Plant Breeding</i> , 2008, 127, 459-464.	1.0	33
99	Genome-wide metabolite associations revealed low heritability, high genetic complexity, and causal relations for leaf metabolites in winter wheat (<i>Triticum aestivum</i>). <i>Journal of Experimental Botany</i> , 2017, 68, erw441.	2.4	33
100	Genome-wide mapping and prediction suggests presence of local epistasis in a vast elite winter wheat populations adapted to Central Europe. <i>Theoretical and Applied Genetics</i> , 2017, 130, 635-647.	1.8	32
101	Detection of quantitative trait loci on chromosome 5R of rye (<i>Secale cereale</i> L.). <i>Theoretical and Applied Genetics</i> , 1999, 98, 1087-1090.	1.8	31
102	Distribution of the wheat-rye translocation 1RS.1BL among bread wheat varieties of Bulgaria. <i>Plant Breeding</i> , 2006, 125, 102-104.	1.0	31
103	Molecular mapping of two dwarfing genes differing in their GA response on chromosome 2H of barley. <i>Theoretical and Applied Genetics</i> , 1999, 99, 670-675.	1.8	28
104	An experimental approach for estimating the genomic selection advantage for Fusarium head blight and Septoria tritici blotch in winter wheat. <i>Theoretical and Applied Genetics</i> , 2019, 132, 2425-2437.	1.8	28
105	Allele Mining in Barley Genetic Resources Reveals Genes of Race-Non-Specific Powdery Mildew Resistance. <i>Frontiers in Plant Science</i> , 2011, 2, 113.	1.7	27
106	Rht24 reduces height in the winter wheat population 'Solit'—'Bussard' without adverse effects on Fusarium head blight infection. <i>Theoretical and Applied Genetics</i> , 2018, 131, 1263-1272.	1.8	26
107	Identification of QTL hot spots for malting quality in two elite breeding lines with distinct tolerance to abiotic stress. <i>BMC Plant Biology</i> , 2018, 18, 106.	1.6	25
108	Use of non-adapted quantitative trait loci for increasing Fusarium head blight resistance for breeding semi-dwarf wheat. <i>Plant Breeding</i> , 2019, 138, 140-147.	1.0	25

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109	Genes, marker and linkage data of rye (<i>Secale cereale</i> L.): 5th updated inventory. <i>Euphytica</i> , 1998, 101, 23-67.	0.6	24
110	Comparative mapping of a gibberellic acid-insensitive dwarfing gene (<i>Dwf2</i>) on chromosome 4HS in barley. <i>Theoretical and Applied Genetics</i> , 1999, 98, 728-731.	1.8	24
111	Microsatellites confirm the authenticity of inter-varietal chromosome substitution lines of wheat (<i>Triticum aestivum</i> L.). <i>Theoretical and Applied Genetics</i> , 2000, 101, 95-99.	1.8	24
112	Fine mapping of the restorer gene <i>Rfp3</i> from an Iranian primitive rye (<i>Secale cereale</i> L.). <i>Theoretical and Applied Genetics</i> , 2017, 130, 1179-1189.	1.8	23
113	Unlocking big data doubled the accuracy in predicting the grain yield in hybrid wheat. <i>Science Advances</i> , 2021, 7, .	4.7	22
114	Linkage mapping of mutant loci in rye (<i>Secale cereale</i> L.). <i>Theoretical and Applied Genetics</i> , 2001, 103, 70-74.	1.8	21
115	Exploring new alleles for frost tolerance in winter rye. <i>Theoretical and Applied Genetics</i> , 2017, 130, 2151-2164.	1.8	20
116	Genetic diversity assessment of Bulgarian durum wheat (<i>Triticum durum</i> Desf.) landraces and modern cultivars using microsatellite markers. <i>Genetic Resources and Crop Evolution</i> , 2010, 57, 273-285.	0.8	17
117	Geography and end use drive the diversification of worldwide winter rye populations. <i>Molecular Ecology</i> , 2016, 25, 500-514.	2.0	17
118	Snow mold of winter cereals: a complex disease and a challenge for resistance breeding. <i>Theoretical and Applied Genetics</i> , 2021, 134, 419-433.	1.8	17
119	The influence of photoperiod genes on the adaptability of European winter wheats. <i>Developments in Plant Breeding</i> , 1997, , 517-526.	0.2	17
120	Title is missing!. <i>Russian Journal of Genetics</i> , 2001, 37, 894-898.	0.2	15
121	The contribution of the gibberellin-insensitive semi-dwarfing (<i>Rht</i>) genes to genetic variation in wheat seedling growth in response to osmotic stress. <i>Journal of Agricultural Science</i> , 2008, 146, 275-286.	0.6	15
122	Seedling growth under osmotic stress and agronomic traits in Bulgarian semi-dwarf wheat: comparison of genotypes with <i>Rht8</i> and/or <i>Rht-B1</i> genes. <i>Crop and Pasture Science</i> , 2011, 62, 1017.	0.7	15
123	OMICs, Epigenetics, and Genome Editing Techniques for Food and Nutritional Security. <i>Plants</i> , 2021, 10, 1423.	1.6	15
124	Isolation of a chromosomally engineered durum wheat line carrying the <i>Aegilops ventricosa</i> <i>Pch1</i> gene for resistance to eyespot. <i>Genome</i> , 2001, 44, 345-349.	0.9	14
125	Exploiting the Repetitive Fraction of the Wheat Genome for High-Throughput Single-Nucleotide Polymorphism Discovery and Genotyping. <i>Plant Genome</i> , 2016, 9, plantgenome2015.09.0078.	1.6	13
126	Rye Snow Mold-Associated <i>Microdochium nivale</i> Strains Inhabiting a Common Area: Variability in Genetics, Morphotype, Extracellular Enzymatic Activities, and Virulence. <i>Journal of Fungi (Basel)</i> , 2021, 7, 1078.	1.0	10

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127	Use of molecular markers in cereal breeding. Cellular and Molecular Biology Letters, 2002, 7, 811-20.	2.7	13
128	Chromosomal location and genetic mapping of the mismatch repair gene homologs <i>MSH2</i> , <i>MSH3</i> , and <i>MSH6</i> in rye and wheat. Genome, 1999, 42, 1255-1257.	0.9	12
129	RFLP mapping of the dwarfing (<i>Ddw1</i>) and hairy peduncle (<i>Hp</i>) genes on chromosome 5 of rye (<i>Secale</i>) Tj ETQq1 1 0,784314,rgBT/O	1.8	11
130	Validation and utilisation of <i>Rht</i> dwarfing gene specific. Cereal Research Communications, 2008, 36, 235-246.	0.8	10
131	Phenotypic selection for high resistance to <i>Fusarium</i> head blight after introgression of quantitative trait loci (QTL) from exotic spring wheat and verification by simple sequence repeat markers <i>a posteriori</i> . Plant Breeding, 2008, 127, 217-221.	1.0	10
132	Assessing the Barley Genome Zipper and Genomic Resources for Breeding Purposes. Plant Genome, 2015, 8, eplantgenome2015.06.0045.	1.6	10
133	RFLP mapping of a gene for hairy leaf sheath using a recombinant line from <i>Hordeum vulgare</i> L. Å— <i>Hordeum bulbosum</i> L. cross. Genome, 1999, 42, 960-961.	0.9	9
134	The World Importance of Barley and Challenges to Further Improvements. Biotechnology in Agriculture and Forestry, 2014, , 3-19.	0.2	9
135	Isolation of a chromosomally engineered durum wheat line carrying the <i>Aegilops ventricosa</i> <i>Pch1</i> gene for resistance to eyespot. Genome, 2001, 44, 345-349.	0.9	9
136	RFLP-based mapping of the Sec-2 and Sec-5 loci encoding 75K gamma-secalins of rye. Plant Breeding, 1998, 117, 329-333.	1.0	8
137	Diagnostic value of molecular markers linked to the eyespot resistance gene <i>Pch1</i> in wheat. Euphytica, 2011, 177, 267-275.	0.6	8
138	Genomics-Based Hybrid Rye Breeding. , 2019, , 329-348.		8
139	Mapping Stem Rust (<i>Puccinia graminis</i> f. sp. <i>secalis</i>) Resistance in Self-Fertile Winter Rye Populations. Frontiers in Plant Science, 2020, 11, 667.	1.7	8
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